

Abstract

[0042] A hydroforming system includes a dual conical tube formed from a blank. The dual conical tube has a first end, a second end and a central portion positioned between the first and the second ends. The central portion has a smaller cross sectional area than the first and the second ends. A shaping die is adapted to receive the dual conical tube, and the shaping die is subject to pressurize such that the tube substantially approximates the shape of the shaping die.